

AMENDMENTS TO THE CLAIMS:

1-9. (Cancelled)

10. (New) A connector for use in the delivery of humidified pressurised gases to a patient, said connector capable of coupling a first conduit to a second conduit or a patient in use by a patient.

 said first and second conduits and said patient interface including electrical members extending within, through out or about them,

 said connector comprising a male portion and a female portion,

 said male portion having a first electrical contact on its exterior,

 said female portion having a second electrical contact on its interior,

 wherein in use when said male and female portions are connected said first electrical contact and said second electrical contact meet causing said electrical means of said first conduit, said second conduit and said patient interface to be connected as well as to cause a gaseous connection there between, where said male and female portions are capable of being swivelled or twisted without disrupting said gaseous connection and the electrical connection between said first and second electrical contacts.

11. (New) A connector according to claim 10 wherein said electrical members are heating elements capable of causing heating in at least one of said first conduit, said second conduit and said patient interface.

12. (New) A connector according to claim 10 wherein said electrical members are wires that provide power to or enable sensing at one of said patient interface, said first conduit and said second conduit.

13. (New) A connector according to claim 10 wherein said electrical members are at least one heating element and a wire to supply power to or enable sensing at at least one of said first conduit, said second conduit and said patient interface.